Running Linux. By Matt Welsh and Lar Kaufman. O'Reilly & Associates, Inc., Sebastopol, CA. (1995). 575 pages. $24.95.
Contents:

Preface. 1. Introduction to Linux. 2. Obtaining and installing Linux. 3. Basic UNIX commands and concepts. 4. Essential system management. 5. Power tools. 6. Programming with Linux. 7. Networking and communications. Appendices. A. Sources of Linux information. B. Linux vendor list. C. FPT tutorial and site list. D. Bulletin board access to Linux. E. The GNU general public license. Bibliography. Index.

Linear Algebra. (Modular Mathematics Series). By R.B.J.T. Allenby. Edward Arnold, London. (1995). 227 pages. $15.95.
Contents:

Series preface. Preface. 1. Systems of simultaneous linear equations. 2. Matrices. 3. The arithmetic of matrices. 4. Multiplicative. 5. Determinants. 6. Real vector spaces. 7. Subspaces and linear combinations. 8. Linear dependence and independence. 9. Bases and dimension. 10. Linear transformations (and matrices). 11. Eigenvalues and eigenvectors. Brief appendix—on sets, functions and proofs. Bibliography. Index.

NURB Curves and Surfaces: From Projective Geometry to Practical Use. By Gerald E. Farin. A.K. Peters, Wellesley, MA. (1995). 229 pages. $39.95.
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An Introduction to Scientific, Symbolic, and Graphical Computation. By Eugene Fiume. A.K. Peters, Wellesley, MA. (1995). 306 pages. $49.95.
Contents:

Preface. 0. Mathematical computation. 1. The representation of functions. 2. Interpolation. 3. Approximation and sampling. 4. Computational integration. 5. Series approximations. 6. Finding the zeros of a function. Index.

Matrix Algebra: Using MINImal MATlab^{TM}. By Joel W. Robbin. A.K. Peters, Wellesley, MA. (1995). 544 pages. $59.95 (diskette included).
Contents:

Preface. 1. Warmup. 2. Matrix operations. 3. Invertible matrices. 4. Subspaces. 5. Rank and dimension. 6. Geometry. 7. Determinants-I. 8. Diagonalization. 9. Differential equations. 10. Hermitian matrices. 11. Triangular matrices. 12. Unitary matrices. 13. Block diagonalization. 14. Jordan normal form. 15. Determinants-II. Appendices: A. Proofs. B. Mathematical induction. C. Summary of MINIMAT. D. Answers. E. MINIMAT tutorial (PC version). F. Index.